JVC

HD-ILA TV

HD-65S80DDU
HD-58S80DDU

INSTRUCTIONS
BEDIENUNGSANLEITUNG
MANUEL D'INSTRUCTIONS
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
ISTRUZIONI
INSTRUÇÕES

ENGLISH
DEUTSCH
FRANÇAIS
NEDERLANDS
CASTELLANO
ITALIANO
PORTUGUÊS

HD-ILA™ Powered by D-ILA
Full HD
DynaPiX HD Powered by D.I.S.T.
T-V LINK

HD ready
HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE
MAXX Bass®

LCT2237-001A-A

ENGLISH

Dear Customer,
This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.
European representative of Victor Company of Japan, Limited is:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germany

DEUTSCH

Sehr geehrter Kunde, sehr geehrte Kundin,
dieses Gerät stimmt mit den gültigen europäischen Richtlinien und Normen bezüglich elektromagnetischer Verträglichkeit und elektrischer Sicherheit überein.
Die europäische Vertretung für die Victor Company of Japan, Limited ist:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Deutschland

FRANÇAIS

Cher(e) client(e),
Cet appareil est conforme aux directives et normes européennes en vigueur concernant la compatibilité électromagnétique et à la sécurité électrique.
Représentant européen de la société Victor Company of Japan, Limited:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Allemagne

NEDERLANDS

Geachte klant,
Dit apparaat voldoet aan de geldende Europese normen en richtlijnen inzake elektromagnetische compatibiliteit en elektrische veiligheid.
De Europese vertegenwoordiger van Victor Company of Japan, Limited is:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Duitsland

CASTELLANO

Apreciado cliente,
Este aparato cumple con las normativas y normas europeas respecto a la seguridad eléctrica y a la compatibilidad electromagnética.
El representante europeo de Victor Company of Japan, Limited es:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Alemania

ITALIANO

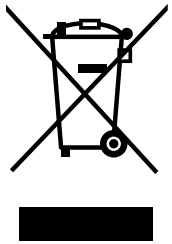
Gentile Cliente,
Questa apparecchiatura è conforme alle direttive e alle norme europee relative alla compatibilità elettromagnetica e alla sicurezza elettrica.
Il rappresentante europeo della Victor Company of Japan, Limited è:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germania

PORTUGUÊS

Caro Cliente,
Este aparelho encontra-se em conformidade com as directivas Europeias válidas e padrões referentes à compatibilidade magnética e segurança eléctrica.
O representante europeu da Victor Company of Japan, Limited é:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Alemanha

Information for Users on Disposal of Old Equipment

ENGLISH



Attention:

This symbol is only valid in the European Union.

[European Union]

This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment for proper treatment, recovery and recycling in accordance with your national legislation.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of this product. For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

(Business users)

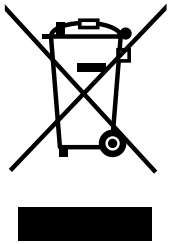
If you wish to dispose of this product, please visit our web page www.jvc-europe.com to obtain information about the take-back of the product.

[Other Countries outside the European Union]

If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.

Informations relatives à l'élimination des appareils usagés, à l'intention des utilisateurs

FRANÇAIS



Attention:

Ce symbole n'est reconnu que dans l'Union européenne.

[Union européenne]

Lorsque ce symbole figure sur un appareil électrique et électronique, cela signifie qu'il ne doit pas être éliminé en tant que déchet ménager à la fin de son cycle de vie. Le produit doit être porté au point de pré-collecte approprié au recyclage des appareils électriques et électroniques pour y subir un traitement, une récupération et un recyclage, conformément à la législation nationale.

En éliminant correctement ce produit, vous contribuerez à la conservation des ressources naturelles et à la prévention des éventuels effets négatifs sur l'environnement et la santé humaine, pouvant être dus à la manipulation inappropriée des déchets de ce produit. Pour plus d'informations sur le point de pré-collecte et le recyclage de ce produit, contactez votre mairie, le service d'évacuation des ordures ménagères ou le magasin dans lequel vous avez acheté le produit.

Des amendes peuvent être infligées en cas d'élimination incorrecte de ce produit, conformément à la législation nationale.

(Utilisateurs professionnels)

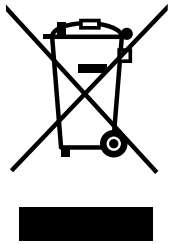
Si vous souhaitez éliminer ce produit, visitez notre page Web www.jvc-europe.com afin d'obtenir des informations sur sa récupération.

[Pays ne faisant pas partie de l'Union européenne]

Si vous souhaitez éliminer ce produit, faites-le conformément à la législation nationale ou autres règles en vigueur dans votre pays pour le traitement des appareils électriques et électroniques usagés.

Benutzerinformationen zur Entsorgung alter Geräte

DEUTSCH



Hinweis:

Dieses Symbol ist nur in der Europäischen Union gültig.

[Europäische Union]

Dieses Symbol zeigt an, dass das elektrische bzw. elektronische Gerät nicht als normaler Haushaltsabfall entsorgt werden soll. Stattdessen sollte das Produkt zur fachgerechten Entsorgung, Weiterverwendung und Wiederverwertung in Übereinstimmung mit der Landesgesetzgebung einer entsprechenden Sammelstelle für das Recycling elektrischer und elektronischer Geräte zugeführt werden.

Die korrekte Entsorgung dieses Produkts dient dem Umweltschutz und verhindert mögliche Schäden für die Umwelt und die menschliche Gesundheit, welche durch unsachgemäße Behandlung des Produkts auftreten können. Weitere Informationen zu Sammelstellen und dem Recycling dieses Produkts erhalten Sie bei Ihrer Gemeindeverwaltung, Ihrem örtlichen Entsorgungsunternehmen oder in dem Geschäft, in dem Sie das Produkt gekauft haben.

Für die nicht fachgerechte Entsorgung dieses Abfalls können gemäß der Landesgesetzgebung Strafen ausgesprochen werden.

(Geschäftskunden)

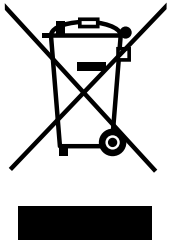
Wenn Sie dieses Produkt entsorgen möchten, besuchen Sie bitte unsere Webseite www.jvc-europe.com, um Informationen zur Rücknahme des Produkts zu erhalten.

[Andere Länder außerhalb der Europäischen Union]

Wenn Sie dieses Produkt entsorgen möchten, halten Sie sich dabei bitte an die entsprechenden Landesgesetze und andere Regelungen in Ihrem Land zur Behandlung elektrischer und elektronischer Geräte.

Informatie voor gebruikers over het weggooien van oude apparatuur

NEDERLANDS



Let op:

Dit symbool is alleen geldig in de Europese Unie.

[Europese Unie]

Deze markering geeft aan dat de elektrische en elektronische apparatuur bij het einde van de gebruiksduur niet bij het huishoudelijk afval mag worden gegooid. Het product moet in plaats daarvan worden ingeleverd bij het relevante inzamelingspunt voor hergebruik van elektrische en elektronische apparatuur, voor juiste verwerking, terugwinning en hergebruik in overeenstemming met uw nationale wetgeving.

Door dit product naar het inzamelingspunt te brengen, werkt u mee aan het behoud van natuurlijke hulpbronnen en met het voorkomen van potentiële negatieve effecten op het milieu en de volksgezondheid, die anders veroorzaakt zouden kunnen worden door onjuiste afvalverwerking van dit product. Neem voor meer informatie over inzamelingspunten en hergebruik van dit product contact op met de gemeente in uw woonplaats, het afvalverwerkingsbedrijf of de winkel waar u het product hebt aangeschaft.

Er kunnen boetes gelden voor een onjuiste verwijdering van dit afval, in overeenstemming met de nationale wetgeving.

(Zakelijke gebruikers)

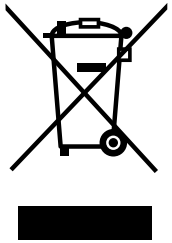
Bezoek als u dit product wilt weggooien onze website www.jvc-europe.com voor informatie over het terugnemen van het product.

[Landen buiten de Europese Unie]

Wanneer u dit product wilt verwijderen, houdt u dan aan de geldende nationale wetgeving of andere regels in uw land voor de verwerking van oude elektrische en elektronische apparatuur.

Información para los usuarios sobre la eliminación de equipos usados

CASTELLANO



Atención:

Este símbolo sólo es válido en la Unión Europea.

[Unión Europea]

Este símbolo indica que los aparatos eléctricos y electrónicos no deben desecharse junto con la basura doméstica al final de su vida útil. El producto deberá llevarse al punto de recogida correspondiente para el reciclaje y el tratamiento adecuado de equipos eléctricos y electrónicos de conformidad con la legislación nacional.

Si desecha el producto correctamente, estará contribuyendo a conservar los recursos naturales y a prevenir los posibles efectos negativos en el medio ambiente y en la salud de las personas que podría causar el tratamiento inadecuado del producto desechado. Para obtener más información sobre el punto de recogida y el reciclaje de este producto, póngase en contacto con su oficina municipal, su servicio de recogida de basura doméstica o la tienda en la que haya adquirido el producto.

De acuerdo con la legislación nacional, podrían aplicarse multas por la eliminación incorrecta de estos desechos.

(Empresas)

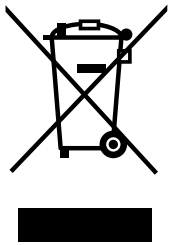
Si desea desechar este producto, visite nuestra página Web www.jvc-europe.com para obtener información acerca de la retirada del producto.

[Otros países no pertenecientes a la Unión Europea]

Si desea desechar este producto, hágalo de conformidad con la legislación nacional vigente u otras normativas de su país para el tratamiento de equipos eléctricos y electrónicos usados.

Informazioni per gli utenti sullo smaltimento delle apparecchiature obsolete

ITALIANO



Attenzione:

Questo simbolo è valido solo nell'Unione Europea.

[Unione Europea]

Questo simbolo indica che l'apparecchiatura elettrica ed elettronica a cui è relativo non deve essere smaltita tra i rifiuti domestici generici alla fine della sua vita utile. Il prodotto, invece, va consegnato a un punto di raccolta appropriato per il riciclaggio di apparecchiature elettriche ed elettroniche, per il trattamento, il recupero e il riciclaggio corretti, in conformità alle proprie normative nazionali.

Mediante lo smaltimento corretto di questo prodotto, si contribuirà a preservare le risorse naturali e a prevenire potenziali effetti negativi sull'ambiente e sulla salute umana che potrebbero essere provocati, altrimenti, da uno smaltimento inappropriato del prodotto. Per ulteriori informazioni sul punto di raccolta e il riciclaggio di questo prodotto, contattare la sede comunale locale, il servizio di smaltimento rifiuti domestici o il negozio in cui si è acquistato il prodotto.

L'utente è responsabile del conferimento dell'apparecchio a fina vita alle appropriate strutture di raccolta, pena le sanzioni previste dalla vigente legislazione sui rifiuti.

(Per gli utenti aziendali)

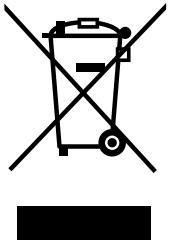
Qualora si desideri smaltire questo prodotto, visitare la nostra pagina web www.jvc-europe.com per ottenere informazioni sul ritiro del prodotto.

[Per altre nazioni al di fuori dell'Unione Europea]

Qualora si desideri smaltire questo prodotto, effettuare lo smaltimento in conformità alla normativa nazionale applicabile o alle altre leggi della propria nazione relative al trattamento delle apparecchiature elettriche ed elettroniche obsolete.

Informações para os Utilizadores sobre a Eliminação de Equipamento Antigo

PORTUGUÊS



Atenção:

Este símbolo apenas é válido na União Europeia.

[União Europeia]

Este símbolo indica que o equipamento eléctrico e electrónico não deve ser eliminado como um resíduo doméstico geral, no fim da respectiva vida útil. Pelo contrário, o produto deve ser entregue num ponto de recolha apropriado, para efectuar a reciclagem de equipamento eléctrico e electrónico e aplicar o tratamento, recuperação e reciclagem adequados, de acordo com a respectiva legislação nacional.

Ao eliminar este produto da forma correcta, ajudará a conservar recursos naturais e ajudará a evitar potenciais efeitos negativos no ambiente e saúde humana, que poderiam ser causados pelo tratamento residual inadequado deste produto. Para mais informações sobre o ponto de recolha e reciclagem deste produto, contacte a respectiva entidade local, o serviço de eliminação de resíduos ou a loja onde adquiriu o produto.

Caso estes resíduos não sejam correctamente eliminados, poderão ser aplicadas penalizações, em conformidade com a respectiva legislação nacional.

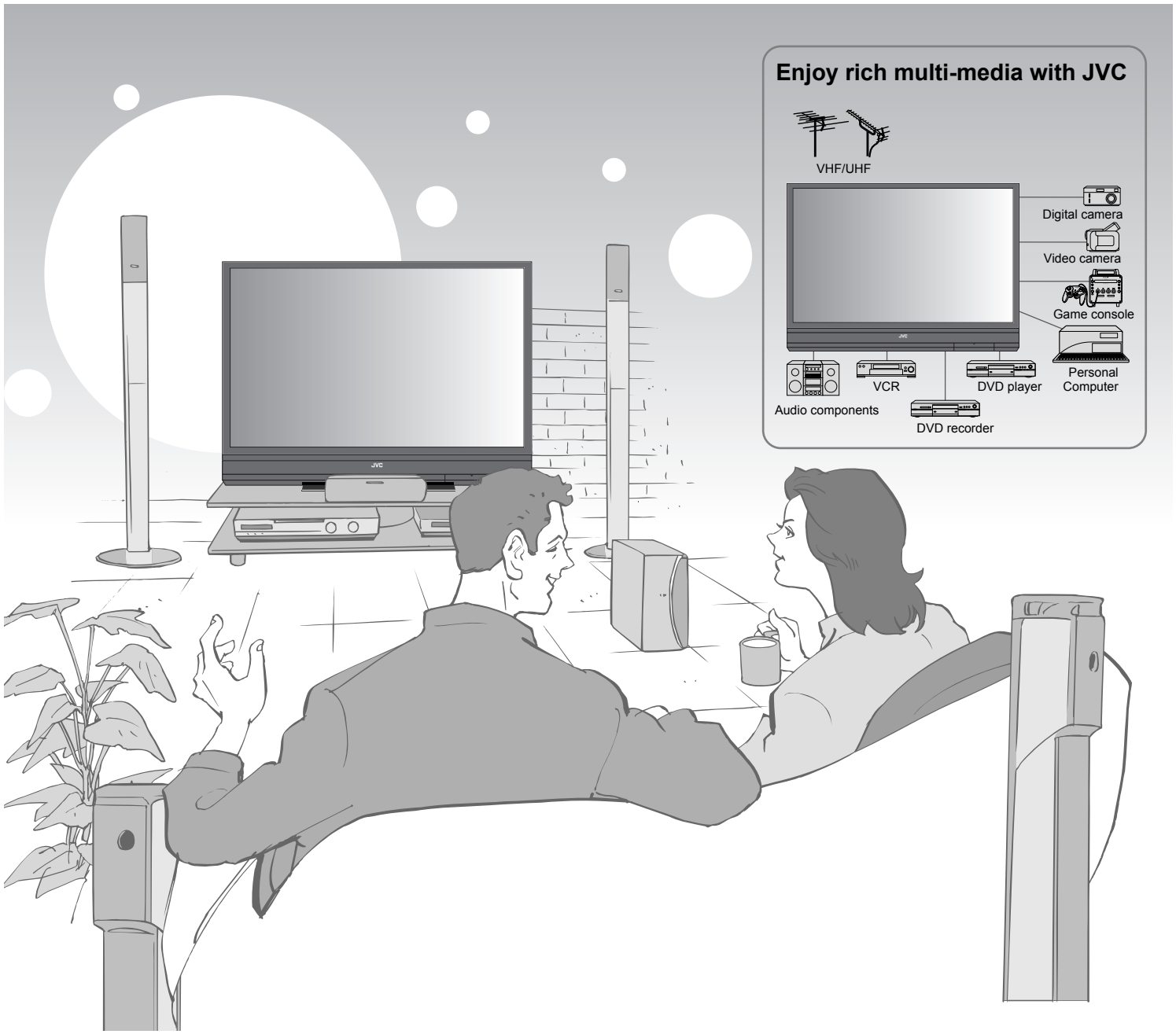
(utilizadores profissionais)

Se pretender eliminar este produto, visite a nossa página da web em www.jvc-europe.com para obter informações sobre a devolução do produto.

[Outros países fora da União Europeia]

Se pretender eliminar este produto, faça-o de acordo com a legislação nacional aplicável ou outras regras no seu país para o tratamento de equipamento eléctrico e electrónico velho.

Expanding the world of beautiful images



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Warning

Please follow all the guidelines below

Follow this manual regarding setup!

- Connect only to a 220-240V, 50Hz AC outlet.

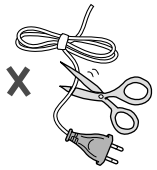
Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!

- The main power supply for this TV is controlled by inserting or removing the power plug.

Never cut or damage the power cord!

- If the power plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)



Do not allow the TV to fall or drop down!

- Follow the instructions below to avoid serious injuries.
  ① Remove the pedestals on the TV only in the cases allowed in “Installation” (P. 8).
  ② Do not lean or rest your elbows on the TV.
  ③ Do not allow children to hang from the TV.

On disposal of the TV!

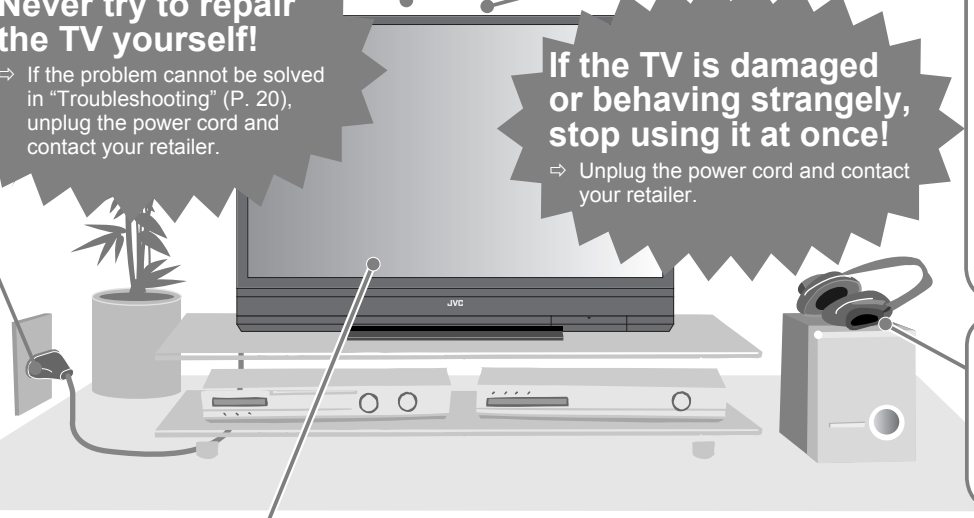
- Follow the instruction in “Information for Users on Disposal of Old Equipment” (P.ii to iii).

Never try to repair the TV yourself!

⇨ If the problem cannot be solved in “Troubleshooting” (P. 20), unplug the power cord and contact your retailer.

If the TV is damaged or behaving strangely, stop using it at once!

⇨ Unplug the power cord and contact your retailer.



Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.

Never expose to rain or moisture!

- To prevent fire or electric shock, never allow liquids to enter the unit.

Never insert objects into the cabinet openings!

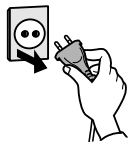
- It may cause a fatal electric shock. Take care when children are near.

Never listen with headphones at high volume!

- It may damage your hearing.

Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)
- Make sure that the cooling process (P. 3) has completed before unplugging the power cord.



Ensure ample room to avoid overheating!

- “Care when setting” (P. 8)

Never dismantle the rear panel!

- It may cause an electric shock.

Never block the ventilation holes!

- It may cause overheating or a fire.

Handle screen with care!

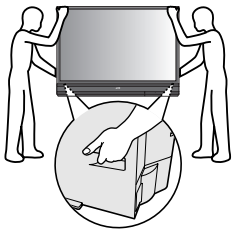
- Use a soft, dry cloth when cleaning.

Hold the TV so as not to scratch the screen!

- Do not touch the screen when carrying the TV.

Do not hold by the screen frame when moving the TV!

- This could cause the screen frame to detach, causing the TV to fall. Hold the TV as illustrated on the right.



■For more details on installation, usage and safety ⇨ Consult your retailer

Precautions

This TV uses a lamp to project the picture on the screen. Misoperations may shorten the lamp life or cause malfunction of the lamp.
Before operating the TV, read all the instructions below.

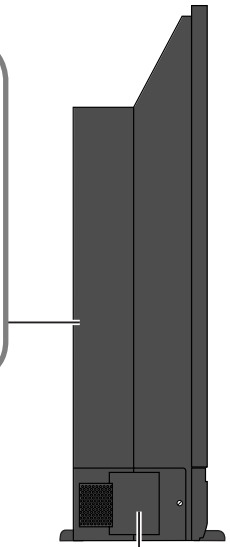
Please follow all the guidelines below

This TV has a fan to cool the lamp

- When the lamp is hotter, the fan works harder to cool the lamp. In such a case, the noise of the fan becomes louder but it is not malfunction.

Keep children or pets away from the air ducts

- Long exposure to the warm air from the ducts may cause a minor burn.



When the power is turned on, the warming up commences

- Immediately after the TV is turned on, the picture is displayed only dimly. It takes about one minute for the lamp to warm up. Once the lamp has warmed up, you can enjoy the pictures at their normal brightness.
- During this warming-up period, the LAMP indicator blinks every 2 seconds.

While the LAMP indicator is blinking, the TV cannot be turned off

When the power is turned off, the cooling down is performed

- When the TV is turned off, the picture on the screen disappears gradually. Once the screen is dark, cooling down is performed for about 1 minute.
- During this cooling-down period, the LAMP indicator blinks every 2 seconds.
- Do not unplug the TV while the lamp is cooling down. This may cause the internal circuits and the lamp to overheat and shorten the lamp life.

While the LAMP indicator is blinking, the TV cannot be turned on

- You can turn on the TV within 15 seconds after turning off.

The lamp is a consumable item

- When the lamp has blown, replace the lamp; otherwise, the picture cannot be displayed. For details ⇨ “Replacing the lamp” (P. 4, 5)

Follow the instructions on “Replacing the lamp” when replacing the lamp (P. 4, 5)

- Handle the lamp carefully and correctly; otherwise, it may cause a burn or an electric shock. In addition, it may shorten lamp life or cause malfunction of the TV.

Never open the lamp cover except when replacing the lamp

■Exposing the lamp is dangerous because...

- The lamp becomes extremely hot while in use, it may cause a burn.
- Touching metallic portion of the lamp may cause electric shock.
- Ultraviolet rays are emitted from the lamp.

Never replace the lamp immediately after use

- Since the lamp becomes extremely hot while in use, it may cause a burn.

Never touch the lamp glass

- Dirt or oil from the finger may cause the lamp to break.

Condensation on the lamp and screen

- When the heater is turned on or the TV is moved from a cold place to a warm place, droplets of water may form on the lamp and screen. This is called condensation. If the TV is used while this condensation is still present, the picture may seem distorted, and the inside of the screen may become dirty. In this case, wait until the condensation has gone before using the TV.

Do not turn the power on and off repeatedly in a short amount of time

- It subjects the TV and the lamp to stress and may lead to malfunctions and shorten the lamp life.

Do not keep the TV on for more than 24 hours consecutively

- The lamp life may be shortened.

Do not project a still picture for a long time

- Because of the ILA characteristics, still picture may stick on the screen. (The picture will disappear over time.)

■For more details on installation, usage and safety ⇨ Consult your retailer

Replacing the lamp

Before replacing the lamp, read all the instructions.

The TV uses a lamp to project the picture onto the screen. When the lamp has blown or when the picture becomes dark, replace the lamp.
Before replacing the lamp, read all the instructions carefully.

■If you feel unsure about replacing the lamp yourself ⇨ Consult your retailer

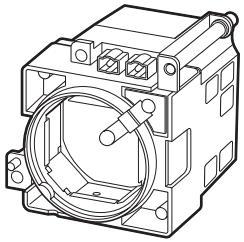
Preparation

Prepare the Replacement Lamp Kit

- For purchasing the Replacement Lamp Kit, consult your retailer.

Use only the specified Replacement Lamp Kit!

This lamp is for use with JVC model televisions. Using the lamp with a different television or other product could cause a malfunction and/or damage to the television or lamp.



Replacement Lamp Kit:
PK-CL120E

- High-pressure 120 W mercury lamp

When the lamp is near to its end...

- The following message appears on the screen.

> Lamp needs to be replaced.
> Please refer to the manual
> for replacement instructions.
>
> After replacing the lamp,
> please reset the timer in the
> TV menu.
>
> Press OK, if you do not want
> to see this message again.

■To make the message disappear

After the usage time of the lamp has reached 6500 hours, this message appears every time you turn on the TV.

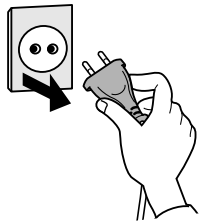
■Possible causes of shortened lamp life

- Turning on/off the TV repeatedly in a short amount of time.
- Keeping the TV turned on for more than 24 hours consecutively.

1 Turn the TV off

Wait until the LAMP indicator stops blinking

Unplug the TV



2 Wait for at least 1 hour until the lamp has fully cooled

3 Remove the lamp unit

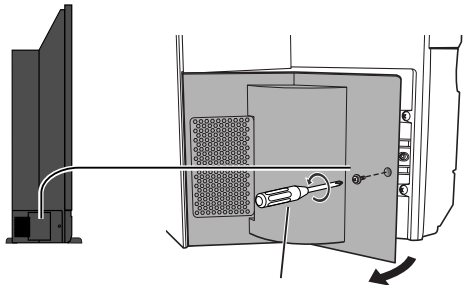
Never replace the lamp before it has fully cooled!

The lamp becomes extremely hot while in use, which may cause a burn. After turning off the TV, wait for at least 1 hour.

Never attempt to replace the lamp with the TV plugged in!

Attempting to replace the lamp with the TV plugged in could lead to a severe electrical shock.

1 Remove the lamp cover



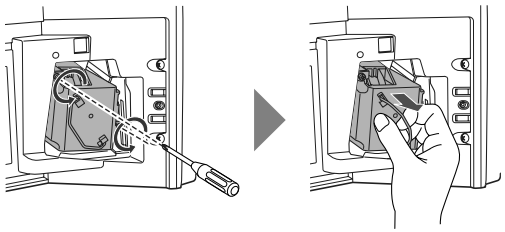
Philips head type screw driver (cross-head type)

If you feel any warmth near the lamp, DO NOT TOUCH IT!

2 Remove the lamp unit

Loosen

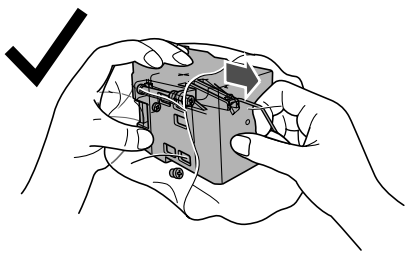
Remove



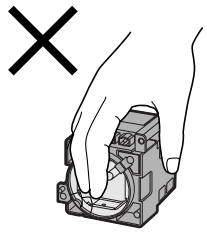
Do not drop the lamp!

4 Install the NEW lamp unit

1 Unpack



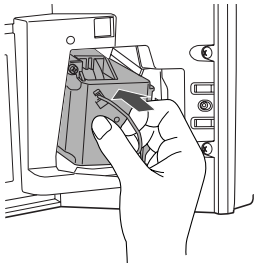
Do not drop the lamp!
Do not shock the glass surface of the lamp!
It may shatter the lamp causing injuries.



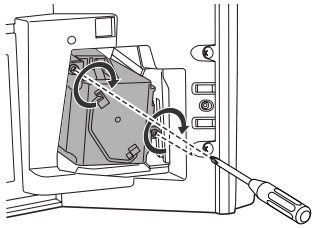
Never touch the glass surface of the lamp!
Oils deposited from the finger may cause a difference in temperature when the lamp heats up to its operating temperature, causing the lamp to break.

2 Insert

- Make sure the lamp sits securely and flat in the housing area.



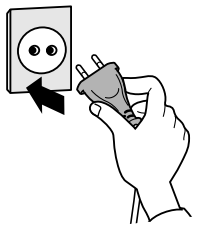
Re-tighten



3 Reinstall the lamp cover

- Tighten the screw.

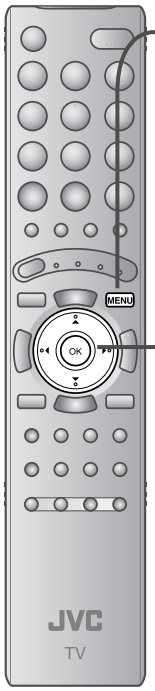
5 Plug in the TV



Turn the TV on

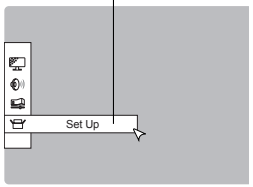
- If the lamp unit is not installed securely (e.g. flat in the lamp housing area), the TV won't turn on. In this case, reinstall the lamp unit.

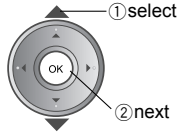
6 Reset the lamp timer



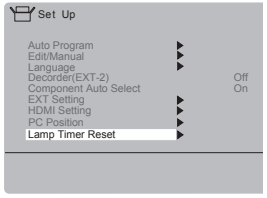
1 Display the menu bar

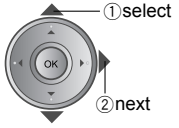
2 Select "Set Up"





3 Select "Lamp Timer Reset"





4 Finish

Press OK to reset the lamp timer.

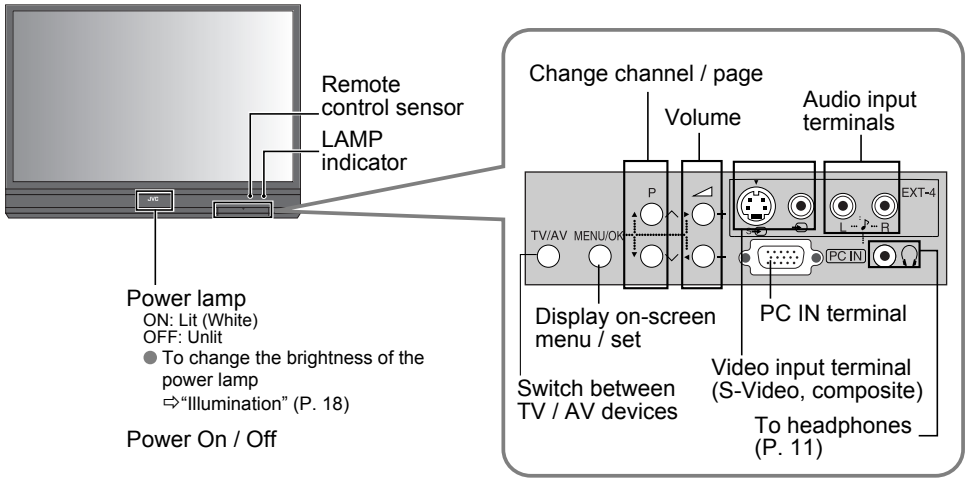
The lamp timer is reset successfully.

7 Finally, the lamp has been replaced!

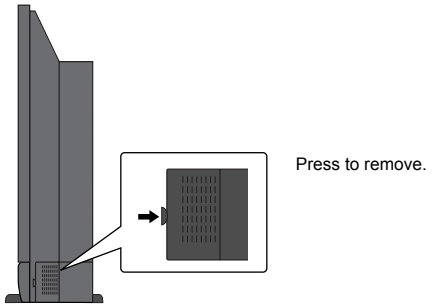
Never dispose of the lamp with normal trash!
The lamp contains a small amount of mercury. Follow the instruction in "Information for Users on Disposal of Old Equipment" (P.ii to iii).

- If the power lamp and LAMP indicator blink rapidly after turning on the TV
  ⇨ "Lamp" (P. 21)

Names of all the parts



Remove the terminal cover



● Connecting terminals on the back of the TV
⇨"Connecting External devices" (P. 11)

About the LAMP indicator

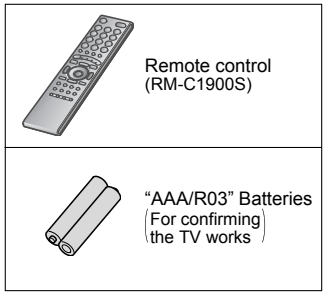
The LAMP indicator blinks as follows.

● When turning on the TV, the LAMP indicator blinks for about 1 minute every 2 seconds.
⇨The lamp is warming up. During this period, the TV cannot be turned off.

● After turning off the TV, the LAMP indicator blinks in orange for about 1 minute every 2 seconds.
⇨Cooling is performed. During the cooling period, the TV cannot be operated.

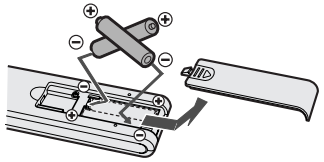
● If the LAMP indicator blinks rapidly
⇨"Lamp" (P. 21)

Check accessories

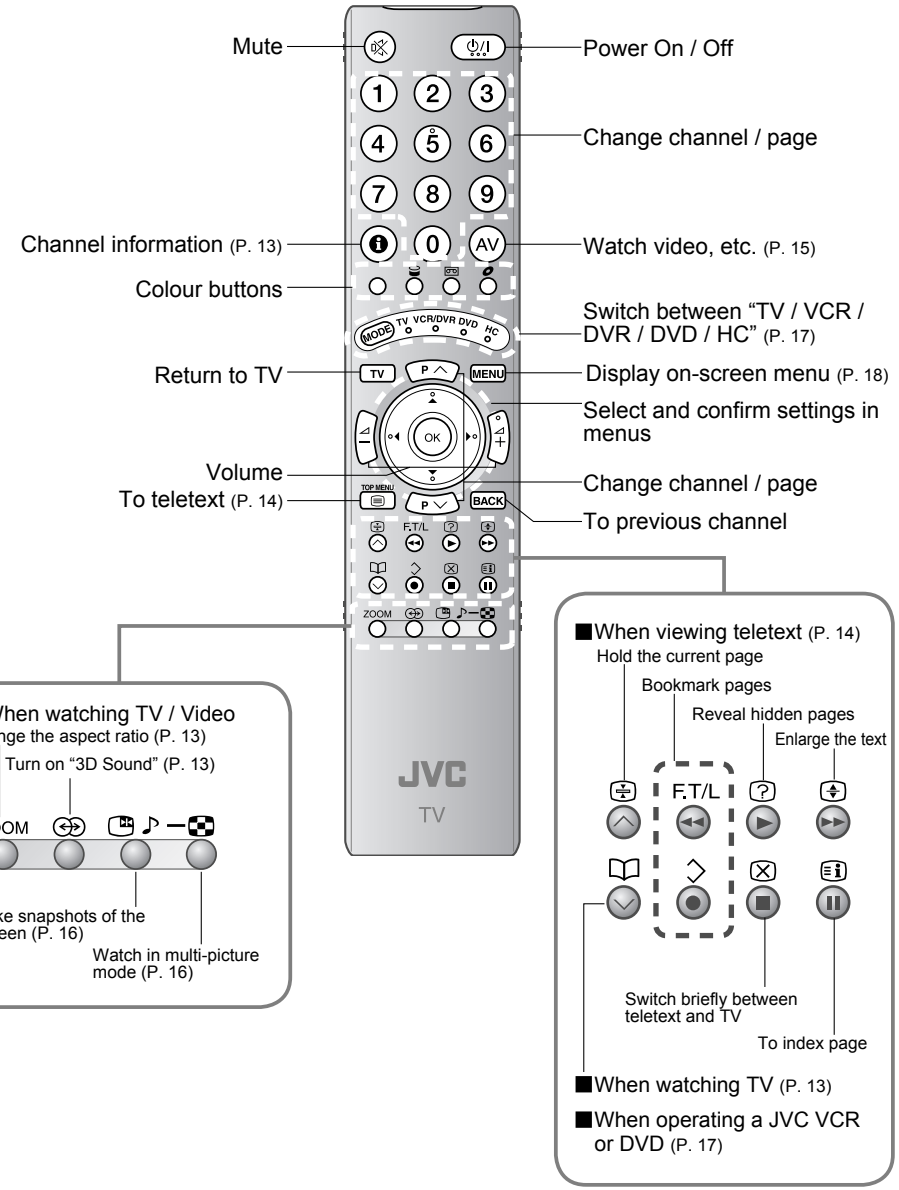


Insert the batteries

Use two "AAA/R03" dry cell batteries.
Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



WARNING:
Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

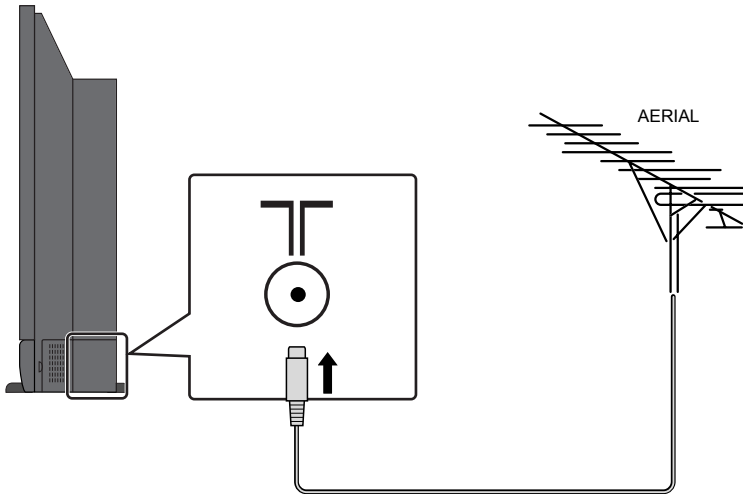

Mute
Power On / Off
Change channel / page
Channel information (P. 13)
Watch video, etc. (P. 15)
Colour buttons
Switch between "TV / VCR / DVR / DVD / HC" (P. 17)
Return to TV
Display on-screen menu (P. 18)
Select and confirm settings in menus
Volume
Change channel / page
To teletext (P. 14)
To previous channel
JVC
TV
■When watching TV / Video
Change the aspect ratio (P. 13)
Turn on "3D Sound" (P. 13)
ZOOM
Take snapshots of the screen (P. 16)
Watch in multi-picture mode (P. 16)
■When viewing teletext (P. 14)
Hold the current page
Bookmark pages
Reveal hidden pages
Enlarge the text
F.T/L
Switch briefly between teletext and TV
To index page
■When watching TV (P. 13)
■When operating a JVC VCR or DVD (P. 17)

Basic connections

Please read the user manuals of each device carefully before setup.
It is necessary to connect an aerial to watch TV.

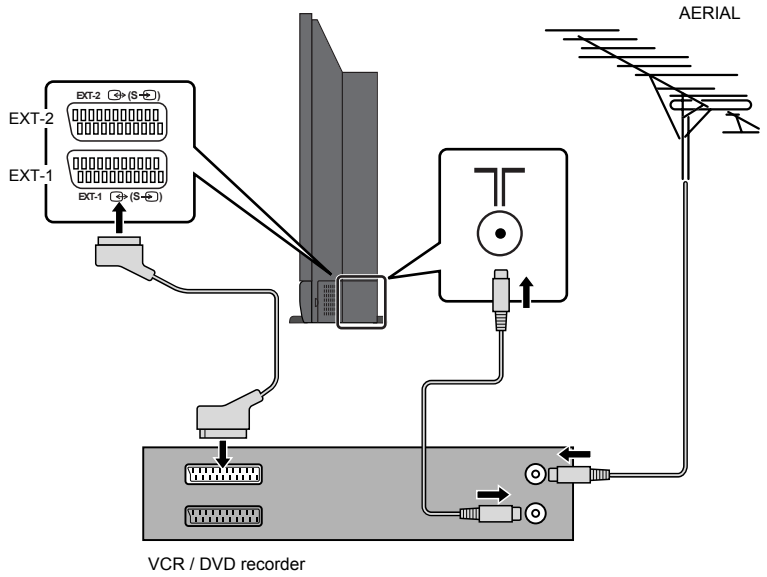
■Connect with other devices ⇨ “Connecting external devices” (P. 11)

Connect the aerial



● After all the connections have been made, insert the plug into an AC outlet.

Connect a VCR / DVD recorder



● After all the connections have been made, insert the plug into an AC outlet.
● Connect “T-V LINK” compatible recording device to “EXT-2”.
● “T-V LINK” ⇨ “What is “T-V LINK”?” (P. 9)

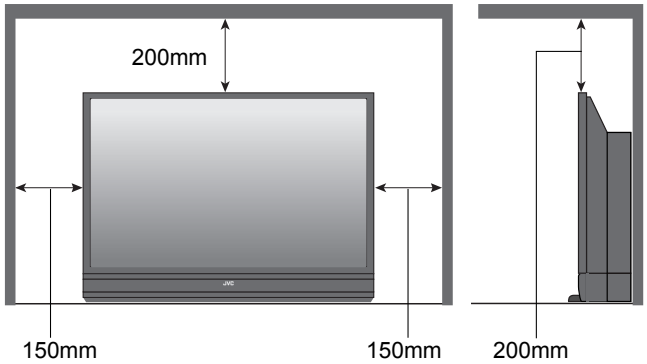
Installation

ENGLISH

Care when setting

When installing the TV, install it according to the instructions below:

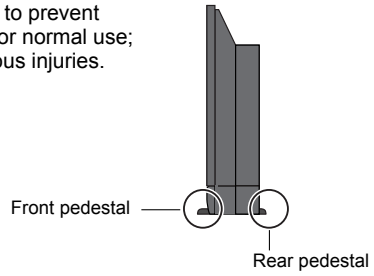
- Install the TV on a level and stable surface.
- Never expose to rain or moisture.
  To prevent fire or electric shock, never allow liquids to enter the unit.
- Make enough room for inserting and removing the power plug!
- Place the TV as close to the outlet as possible!
  The main power supply for this TV is controlled by inserting or removing the power plug.
- To avoid overheating, ensure that the unit has ample room.



- Connect the power cord only to a 220-240 V, 50 Hz AC outlet

Warning

On the front and rear of the TV, pedestals are attached to prevent the TV from falling over. Do not remove the pedestals for normal use; otherwise, the TV may fall over and it could cause serious injuries.



Remove the pedestal(s) only in the following cases;
- When attaching the TV to the wall
- When the instructions supplied for JVC optional goods require you to remove the pedestal(s)

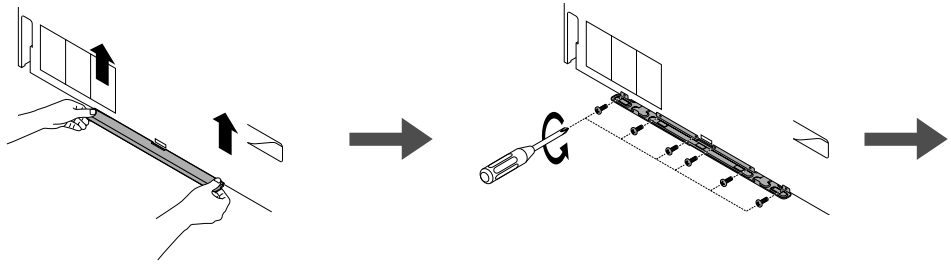
When installing the TV right on the wall

Remove the rear pedestal and install the TV as in the procedure below.

CAUTION:
Remove the rear pedestal on a level and stable surface.

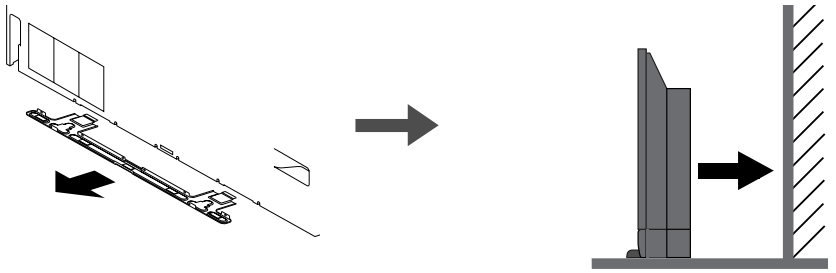
① Remove the cover.

② Remove the screws with a Phillips type screwdriver.



③ Slide out the rear pedestal gently.

④ Attach the TV to the wall.



Be sure to install the TV by two persons.

When installing the TV on a TV stand

Use the optional JVC TV stand
- Refer to the instructions supplied for the JVC TV stand for installation.

Initial settings

Set the menu language, installation location and automatically register the TV channels.
These channels can be edited later in “Editing channels” (P. 10).
(Channel data on the TV can be sent to a connected recording device that is compatible with “T-V LINK”.)

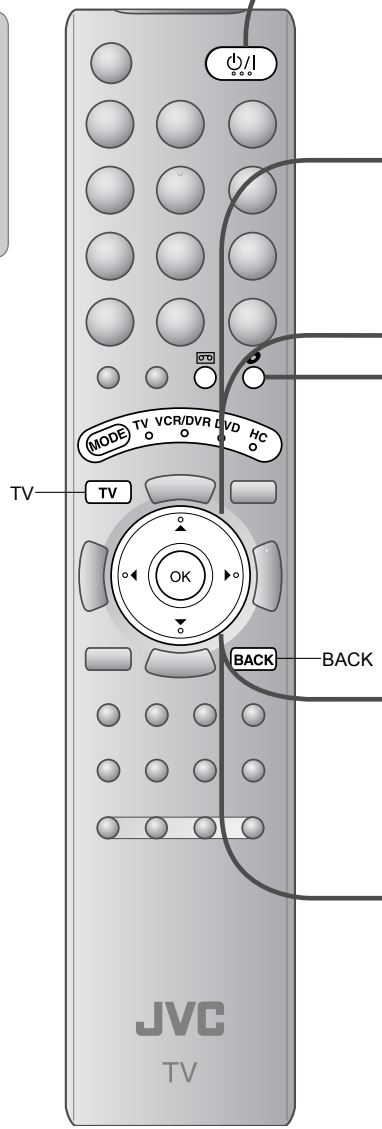
■When turning on the TV, it takes about 1 minute to project the picture to its full brightness.

■When turning off the TV, it takes about 5 seconds to make the screen dark. After that, cooling is performed for about 1 minute.
⇨“About the LAMP indicator” (P. 6)

■To the previous screen ⇨ BACK

■Exit ⇨ TV

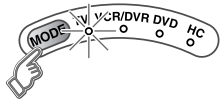
■If the “JVC” logo does not appear or if you wish to make changes later
⇨“Language” and “Auto Program” (P. 18)



1 Begin

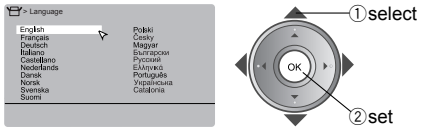
- Shown only when powering on for the first time.
- The power on the unit can also be used.

■The remote control doesn’t work

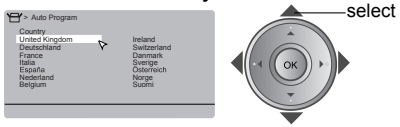


- Confirm the mode is set to “TV”.

2 Select a language

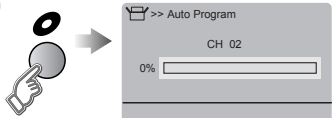


3 Select the country of installation



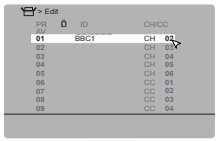
- For the next page ⇨ “◯” (Yellow)

4 Automatically register channels



- If “ACI Start” appears, select and start settings. (This will set up cable television channels.)
⇨“What is “ACI” (Automatic Channel Installation)?” (P. 22)

5 Check what was registered



■Edit channels
⇨④ in “Editing channels” (P. 10)

■Confirm

6 Finish

■When using “T-V LINK”

- If “Feature Not Available” appears :
⇨Is the “T-V LINK” compatible device connected to “EXT-2”?
⇨Is the device turned on?

■When not using “T-V LINK”

What is “T-V LINK”?

Connecting the TV to a “T-V LINK” compatible device allows :

- Channels on the TV to be instantly registered on the device.
- The “DIRECT REC” function to be used.
⇨“Technical information” (P. 22)

■“T-V LINK” variations

“T-V LINK” (JVC) “Q-LINK” (Panasonic)
“Megalogic” (Grundig) “Data Logic” (Metz)
“SMARTLINK” (Sony) “Easy Link” (Philips)

Editing channels

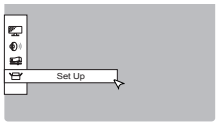
Edit the channels registered with “Auto Program” in “Initial settings” (P. 9).

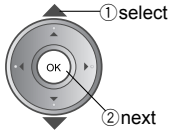
When coming from “Initial settings” (P. 9), skip to ❹.

1 Display the menu bar

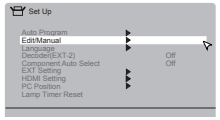
MENU

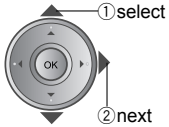
2 Select “Set Up”



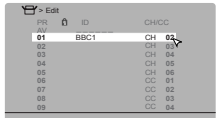


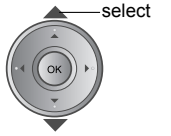
3 Select “Edit / Manual”





4 Select a row





5 Edit

6 Confirm settings

7 Finish

● If “Feature Not Available” appears :
⇨Is the “T-V LINK” compatible device connected to “EXT-2”?
⇨Is the device turned on?

● “T-V LINK” ⇨ (P. 9)

■When using “T-V LINK”

■When not using “T-V LINK”

TV

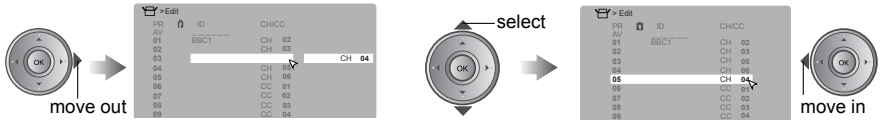
■To the previous screen
⇨ BACK

■Exit
⇨ MENU

Move a channel’s position

MOVE

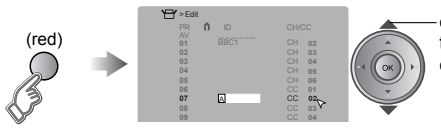
①Begin ②Select a destination ③Finish



Edit a channel name

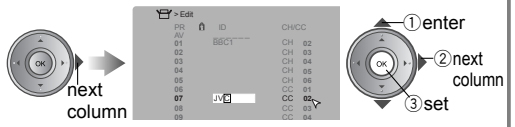
ID

①Begin ②Enter a channel name



■When selecting a preset name from the “ID List”

■When manually naming a channel



Insert a channel

INSERT

①Begin ②Select a “CH / CC” ③Enter a number

● Receives the broadcast signal.

● “CH/CC” List ⇨ (P. 23)

Delete a channel

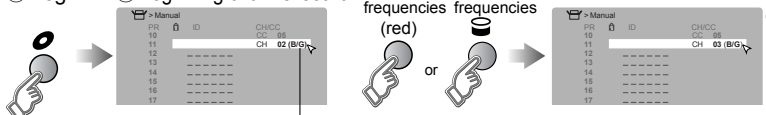
DELETE

①Delete

Register a new channel

MANUAL

①Begin ②Beginning channel search



● If necessary, press ▶ to change the broadcasting system.
⇨“Receivable broadcast systems” (P. 22)

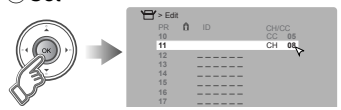
● Auto-search begins, and the nearest frequency is imported.
⇨Repeat the previous steps until the desired channel is displayed

■Adjust

● Picture fine tuning ⇨ /

● Sound fine tuning ⇨ select a system

③Set

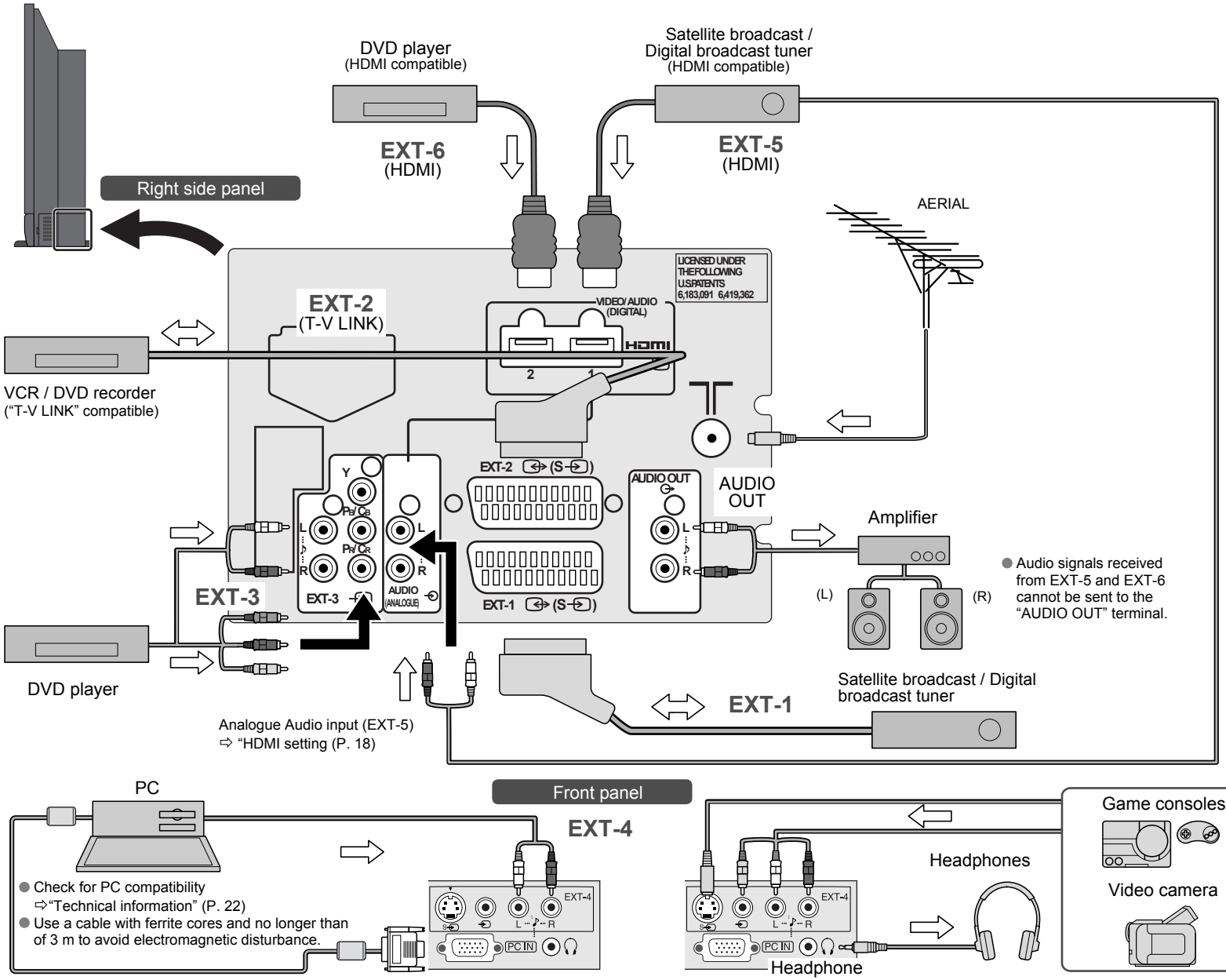


Connecting external devices

VCR / DVD / other devices

You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied for this TV.)

⇨ : signal direction



■ Connect "DVI" devices ⇨ (P. 22)

■ "T-V LINK" ⇨ (P. 9)

EXT-1 Watching videos

Output	Input
· Composite signal · Sound L / R	· Composite signal / RGB / S-VIDEO · Sound L / R

● Use S-VIDEO ⇨ "S-IN" (P. 15)

EXT-2 Dubbing videos Using "T-V LINK"

Output	Input
· Composite signal · Sound L / R	· Composite signal / RGB / S-VIDEO · Sound L / R
· T-V LINK	

● Use S-VIDEO ⇨ "S-IN" (P. 15)
● Select dubbing sources
⇨"DUBBING" (P. 15)
● Connect a decoder
⇨"Decoder (EXT-2)" (P. 18)

EXT-3 Watching DVDs

Output	Input
	Component signal (P. 23) · Sound L / R

● "Component Auto Select" ⇨ (P. 18)

EXT-4 Watching videos (front panel)

Output	Input
	· Composite signal / S-VIDEO · Sound L / R·

● Use S-VIDEO ⇨ "S-IN" (P. 15)

EXT-5 EXT-6 Connecting HDMI devices

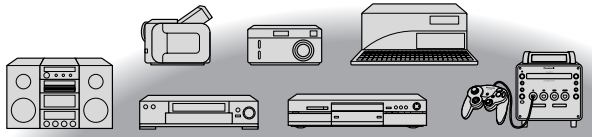
Output	Input
	· HDMI signal (P. 23) · Sound L / R (EXT-5 only)

● "HDMI Setting" ⇨ (P. 18)
● EXT-6 input does not support analogue sound.
● Use HDMI CEC
⇨"What is "HDMI CEC"?" (P. 22)

AUDIO OUT
Listening to the TV through external speakers

Output
· Sound L / R

Enjoying your new TV!



Watching TV

PAGE 13

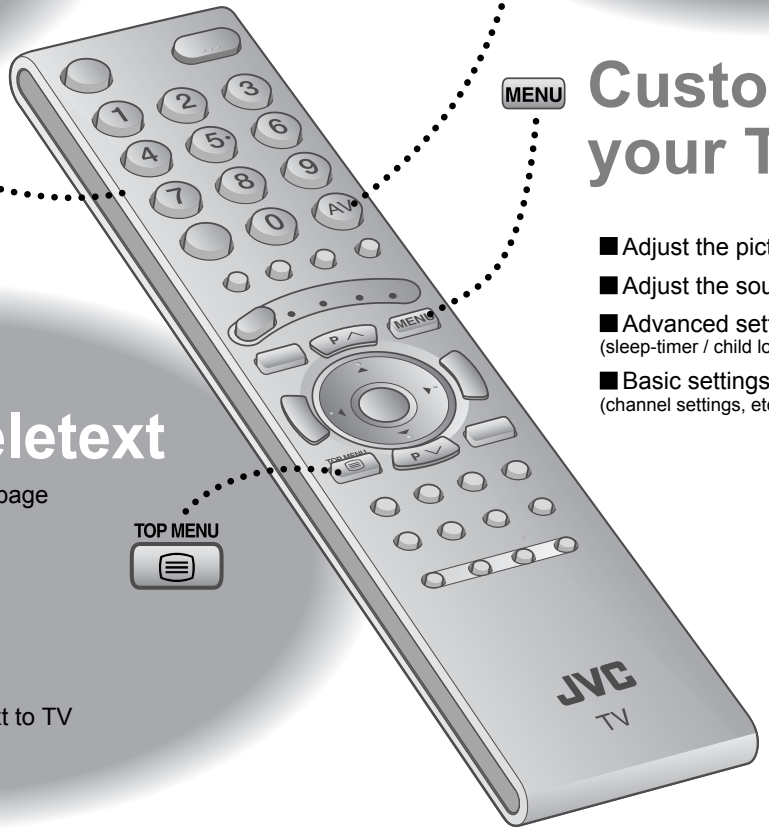
- View channel information
- Change the aspect ratio
- Enjoy “3D Sound”
- Register your favourite channels

Watching videos/ DVDs

PAGE 15

AV

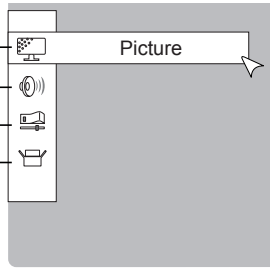
- PC position adjustment
- Watch high quality video (S-VIDEO)
- Name connected devices
- Dub videos

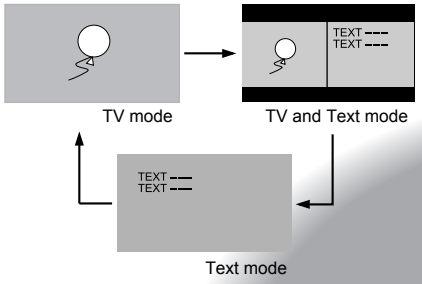


Customising your TV

PAGE 18

- Adjust the picture
- Adjust the sound
- Advanced settings
  (sleep-timer / child lock, etc.)
- Basic settings
  (channel settings, etc.)





Viewing teletext

PAGE 14

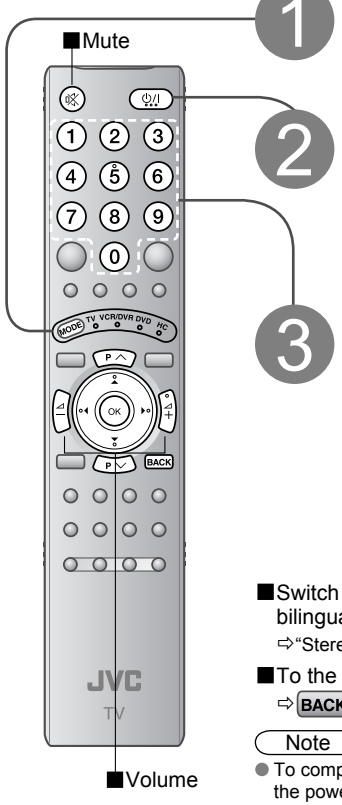
- Bookmark your favourite page
- Hold the current page
- Reveal hidden pages
- Enlarge the text
- To the index page
- Switch briefly from teletext to TV

Watching TV

■When turning on the TV, it takes about 1 minute to project the picture to its full brightness.

■When turning off the TV, it takes about 5 seconds to make the screen dark. After that, cooling is performed for about 1 minute.

⇨"About the LAMP indicator" (P. 6)



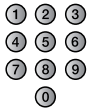
1 Set to "TV"

2 Power on

The white power lamp on the TV lights

● Press again to turn the screen off and put the TV into standby mode.

3 Select a channel



E.g.

1 : 0 ⇨ 1

15 : 1 ⇨ 5

■Move up or down a channel

■Switch between mono / stereo / bilingual broadcasting

⇨"Stereo / I-II" (P. 18)

■To the previous channel

⇨ BACK

Note

● To completely turn off the TV, unplug the power plug.

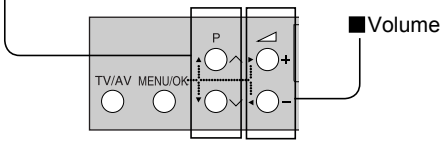
Basic operations using the front buttons

1

Power on

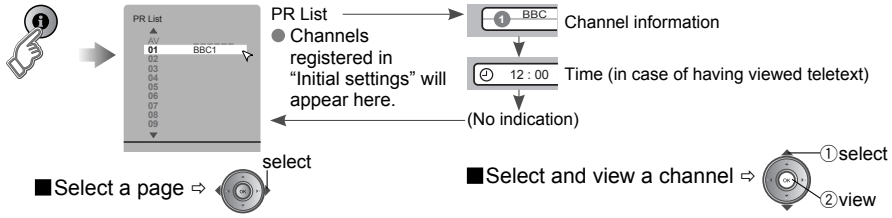
2

Change the channel



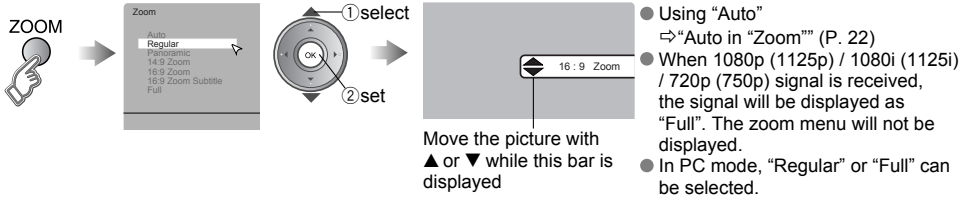
Channel information and clock

INFORMATION



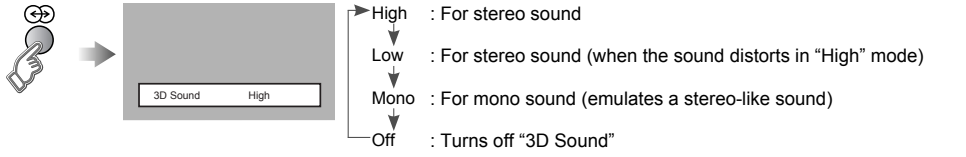
Change the aspect ratio

ZOOM


ZOOM
Zoom
Auto
Regular
Panoramic
14:9 Zoom
16:9 Zoom
16:9 Zoom Subtitle
Full
①select
②set
16 : 9 Zoom
Move the picture with ▲ or ▼ while this bar is displayed
● Using "Auto"
⇨"Auto in "Zoom"" (P. 22)
● When 1080p (1125p) / 1080i (1125i) / 720p (750p) signal is received, the signal will be displayed as "Full". The zoom menu will not be displayed.
● In PC mode, "Regular" or "Full" can be selected.

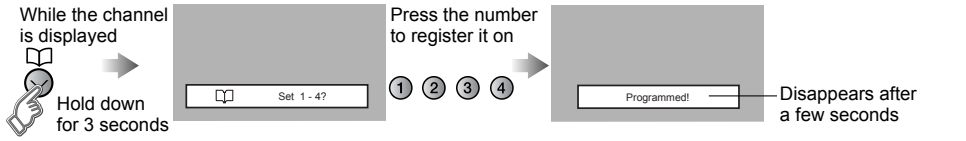
Enjoy ambient sound

3D SOUND

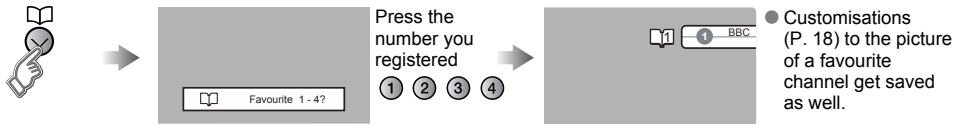

3D Sound High
High : For stereo sound
Low : For stereo sound (when the sound distorts in "High" mode)
Mono : For mono sound (emulates a stereo-like sound)
Off : Turns off "3D Sound"

Register a channel to a button

FAVOURITE CHANNEL


While the channel is displayed
Hold down for 3 seconds
Set 1 - 4?
Press the number to register it on
1 2 3 4
Programmed!
Disappears after a few seconds

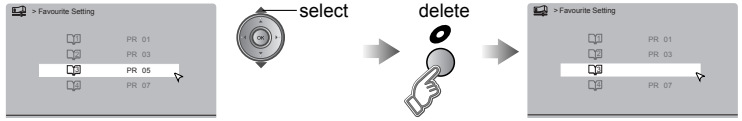
■Recall the favourite channel


Favourite 1 - 4?
Press the number you registered
1 2 3 4
BBC 1
● Customisations (P. 18) to the picture of a favourite channel get saved as well.

■Check your favourite channels ⇨Press "ⓘ" and confirm that the channels you have registered have a 🕮 beside them

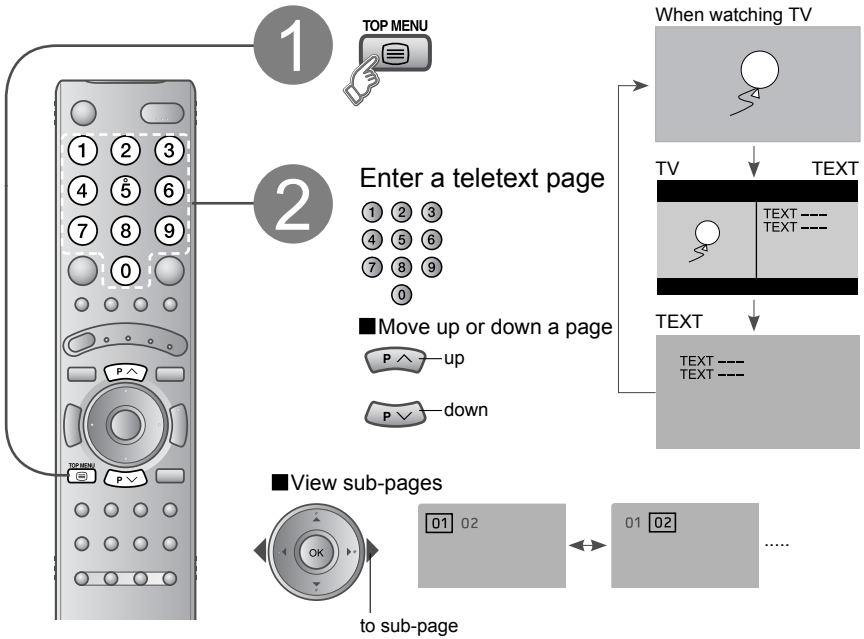
■Delete a favourite channel

⇨"MENU" ⇨ "Features" ⇨ "Favourite Setting"



Viewing teletext

This TV can display TV broadcasts and teletext on the same channel in two windows.



Bookmark your favourite page

LIST MODE

1 Display your favourites list

F.T/L

(RED) (GREEN) (YELLOW) (BLUE)

??? ??? ??? ???

2 Select a coloured button to save your page to

??? ??? ??? ???

(red)

3 Enter the number of the page to save

??? 124 ??? ???

4 Save

■Recall your favourite page ⇨ Press the coloured button as in step 2

Hold the current page

HOLD

Hold the current page

■Release ⇨ Press "⊕" again

Reveal hidden pages

REVEAL

Display hidden information (answers to quizzes, etc.)

1 + 2 =
2 x 3 =

1 + 2 = 3
2 x 3 = 6

Enlarge the text

SIZE

Double the size of the displayed text

TEXT SIZE

To the index page

INDEX

Returns to page "100" or a previously designated page

Switch briefly from teletext to TV

CANCEL

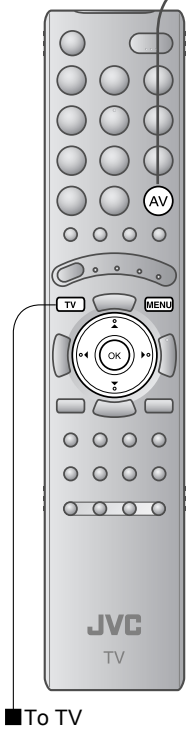
Leave the current page open, while you switch to watch TV

P233
TEXT ----
TEXT ----

P233

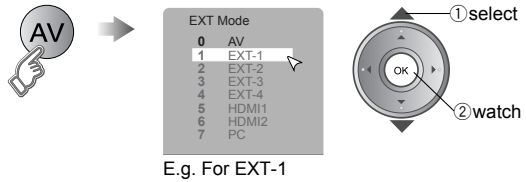
● Useful when running a page search.

Watching videos / DVDs



■To TV

1 Select the video source

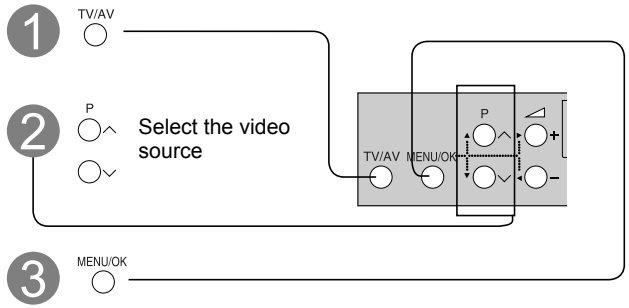


E.g. For EXT-1

2 Operate the connected device and play a video

■Operate JVC recorders and other devices (P. 17)

Select the video source using the front buttons



PC position adjustment

1 MENU Display the menu bar

2 Select “Set Up” Select “PC Position”

● Shown only when “PC” is selected.

3

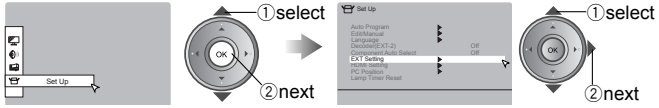
● Reset position ⇨

Advanced functions

1 Display the menu bar

MENU

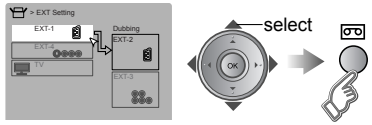
2 Select “Set Up” Select “EXT Setting”



Switch to S-VIDEO input

S-IN

①Select the “EXT” connected to S-VIDEO ②Set the S-VIDEO mode



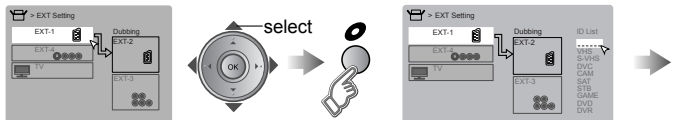
● The device selection display will change from “E1” to “S1”.

■Cancel this mode ⇨ Press “ ” in ② again

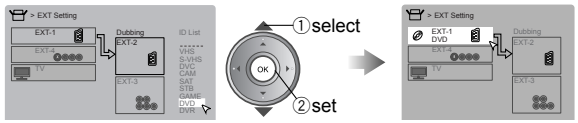
Edit names of connected devices

ID LIST

①Select an “EXT” to assign a name to ②Show the name list



③Select a name from the list

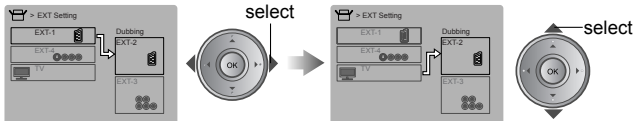


■Clear the name ⇨ Select the blank space in ③

Set up dubbing on “EXT-2”

DUBBING

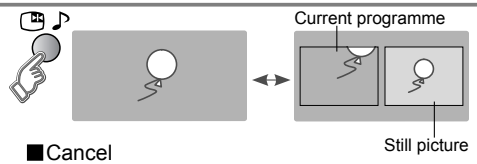
①Select the arrow ②Select the dubbing source



Useful functions

Take snapshots of the screen

FREEZE



■Cancel

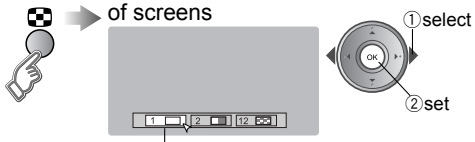
⇨ Press "" again, or change the channel

- Not available in the following cases:
  – when the SUB-PICTURE is displayed
  – when in PC mode
  – when 1080p (1125p) signal is received
- You cannot save or export the snapshot.

Watch in multi-picture mode

MULTI-PICTURE

Select the number of screens

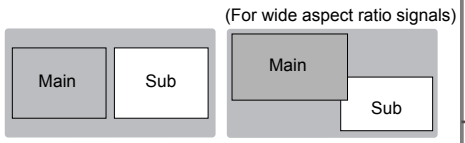


Selecting "1" returns to normal viewing mode

- Not available in the following cases:
  – when in PC mode
  – when 1080p (1125p) signal is received

■Watch in dual-picture mode

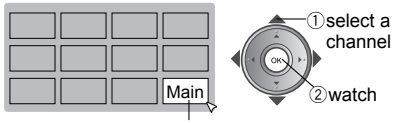
E.g. You can watch TV and video at the same time.



- Switch between the sound sources ⇨
- Change the channel
  ⇨ (Main)
  ⇨ (Sub)

■Select a channel in 12-screen mode

All registered channels are displayed as still images.



Only the selected frame has a moving picture.

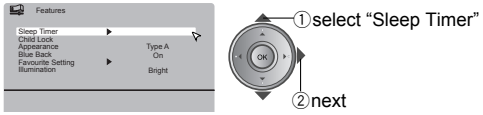
- Move up or down a page ⇨
- Not available for EXT-5 or EXT-6 input.

Set a time for the TV to turn itself off

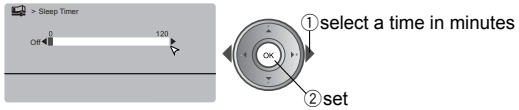
SLEEP TIMER

1 Display "Features" menu
⇨"Customising your TV" (P. 18)

2



3



■Cancel ⇨ Set the time to "0" in step 3

■Remaining time

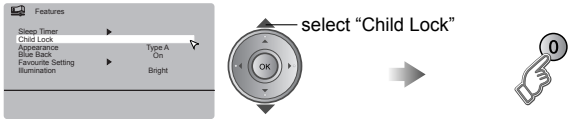
⇨You can confirm the remaining time at step 3, after repeating this process.

Stop children from watching specific channels

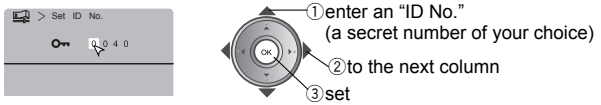
CHILD LOCK

1 Display "Features" menu
⇨"Customising your TV" (P. 18)

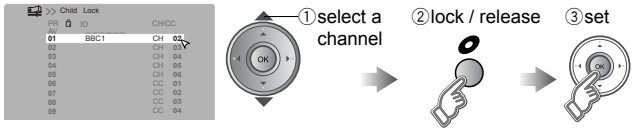
2



3



4



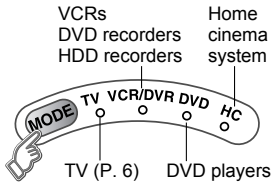
■View a locked channel

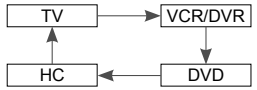
⇨Use the numerical buttons to enter the channel number. When Ω appears, press "" and enter your "ID No.".(If you forget your "ID No.", check it in step 3.)

Operate JVC recorders and other devices

The included remote control can be used to operate JVC recorders and other devices.

1 Select a device





- The indicator lights for 3 seconds each time the remote control is operated.

2 Turn on the device

3 Operate the device

- Other buttons can be used to operate the TV at any time.

Try changing the remote control code if you cannot operate a recorder.

■Code A or 1 (Default)

■Code C or 3

- Confirm the code for your recorder by checking the manual it came with.
- Some models of JVC devices cannot be operated with this remote control.
- JVC DVD recorders and HDD recorders are set to code “C” or “3” by default.

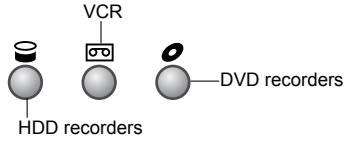
Note

- If the battery is removed, the remote control code reverts back to code A or 1.

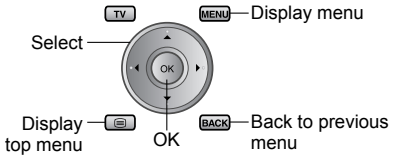
Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

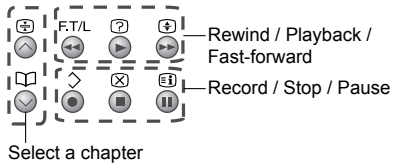
Select VCR / DVD recorder / HDD recorder



■Operate DVD / HDD recorder menus



■Playback / Record etc.

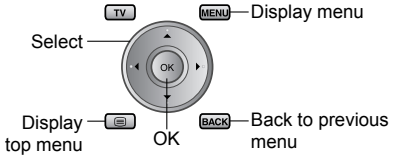


■Display the subtitle (DVD / HDD recorder mode) ⇨ Press “ⓘ”

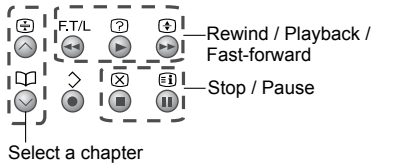
Operate the DVD player

DVD

■Operate DVD menus



■Playback etc.

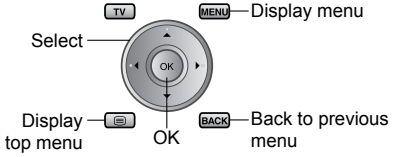


■Display the subtitle ⇨ Press “ⓘ”

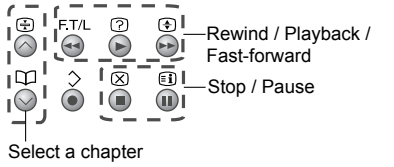
Operate the home cinema system

HC

■Operate HC menus



■Playback etc.



■Display the subtitle ⇨ Press “ⓘ”

■Mute ⇨ Press “🔇”

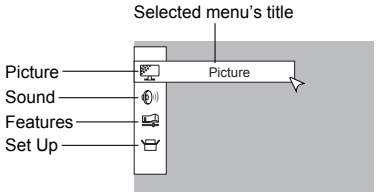
■Volume ⇨ Press “P∧ / P∨”

■Select a surround mode ⇨ Press “⇔”

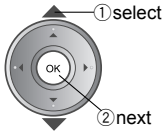
Customising your TV

1 Display the menu bar

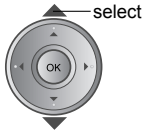
MENU

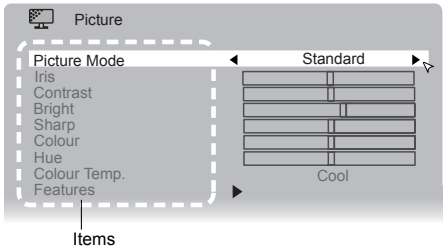


2 Select a menu



3 Select an item



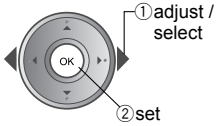


■To the previous screen
⇨ BACK

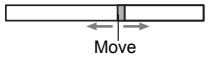
■Exit
⇨ MENU

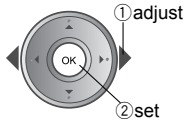
● The menu disappears after one minute of inactivity.

4 Adjust / Configure

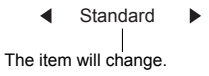


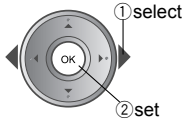
■When adjusting with the sliding-bar





■When selecting from presets





● Some items have a sub-menu.

Menu	Item	Adjustments / Configurations
Picture	Picture Mode	Picture mode (Bright / Standard / Soft)
	Iris	Adjust the amount of light projected on the screen (Darker ⇔ Brighter)
	Contrast	Contrast (Lower ⇔ Higher)
	Bright	Brightness (Darker ⇔ Brighter)
	Sharp	Sharpness (Softer ⇔ Sharper)
	Colour	Colour (Lighter ⇔ Deeper)
	Hue	Tint for NTSC (Reddish ⇔ Greenish)
	Colour Temp.	Colour temperature (Warm / Normal / Cool)
	Features	Finer picture adjustments (P. 19)
Sound	Stereo / Ⅰ · Ⅱ	Mode / Language (○ : MONO / ○○ : STEREO / Ⅰ : SUB1 / Ⅱ : SUB2)
	Bass	Low tones (Weaker ⇔ Stronger)
	Treble	High tones (Weaker ⇔ Stronger)
	Balance	Speaker balance (Left Stronger ⇔ Right Stronger)
	3D Sound	Ambience level (High / Low / Mono / Off)
	MaxxBass *1	Emphasize the bass sound (Off / Low / High)
Features	Sleep Timer	Timer for turning off the TV (P. 16)
	Child Lock	Stops children from watching specific channels (P. 16)
	Appearance	Format for displaying the channel number (Type A / Type B)
	Blue Back	Displays a blue screen and mute the sound when the signal is weak or absent (On / Off)
	Favourite Setting	Clear favourite channel settings (P. 13)
	Illumination	Changes the brightness of the power lamp (P. 6) (Bright / Soft)
Set Up	Auto Program	Select a country, it automatically registers channels (P. 9, ❸)
	Edit / Manual	Change registered channels or add new ones (P. 10)
	Language	Select a language for on-screen menus (P. 9, ❷)
	Decoder (EXT-2)	When connected to VTR with "T-V LINK" (On / Off)
	Component Auto Select	Changes the TV input to "EXT-3" when a component signal is input to "EXT-3" (On / Off) (Not available when viewing PC)
	EXT Setting	For use with VTR and other devices (P. 15)
	HDMI Setting	HDMI CEC : Connect and control multiple HDMI CEC enabled devices with a single remote. (On / Off) (P. 22) HDMI-1 (EXT-5) : Size (1 / 2 / Auto), Audio (Digital / Analogue / Auto) HDMI-2 (EXT-6) : Size (1 / 2 / Auto)
	PC Position	PC position adjustment (P. 15)
	Lamp Timer Reset	Resets the lamp timer. (P. 5)

● Other settings · Change the aspect ratio ⇨ "ZOOM" (P. 13)
· Turn on "3D Sound" ⇨ "3D SOUND" (P. 13)

*1 MaxxBass is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.

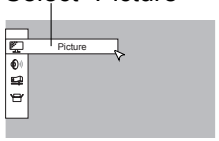
Advanced picture adjustment

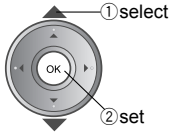
By default, the TV automatically adjusts itself for the best picture.

1 Display the menu bar

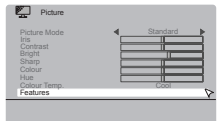
MENU

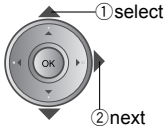
2 Select “Picture”



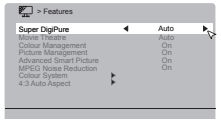


3 Select “Features”

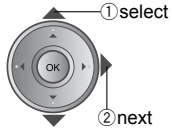




4 Select an item



E.g. “Super Digipure”

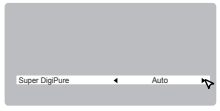


■To the previous screen
⇨ BACK

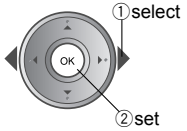
■Exit
⇨ MENU

● The menu disappears after one minute of inactivity.

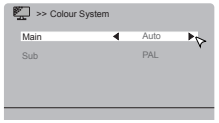
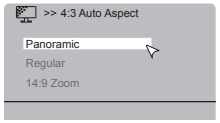
5 Change settings



E.g. “Super Digipure”



6 Finish

Super DigiPure	For natural-looking outlines	Auto	Off : Function is turned off	Min : When the picture loses sharpness	Max : When noise appears	Auto : Automatically adjusts
Movie Theatre	For smooth cinema film	Auto	Off : Function is turned off	On : Function is always on	Auto : Automatically adjusts	
Colour Management	For natural-looking pictures	On	Off : Function is turned off	On : Maintain a natural colour balance		
Picture Management	Fix bright / dark pictures	On	Off : Function is turned off	On : Make it easier to view bright / dark pictures		
Advanced Smart Picture	Fix brightness of white areas	On	Off : Function is turned off	On : Make it easier to view white areas	● Not available when “Picture Mode” is set to “Bright” (P. 18).	
MPEG Noise Reduction	To reduce MPEG video noise	On	Off : Function is turned off	On : When noise appears		
Colour System	When there is no colour		①Select the screen to change settings on Main : Main picture Sub : Sub-picture in MULTI-PICTURE mode (P. 16) ②Select the colour system PAL : Western Europe SECAM : Eastern Europe / France NTSC 3.58 : USA 3.58 MHz NTSC 4.43 : USA 4.43 MHz Auto : When watching videos, etc.			
4:3 Auto Aspect	Set a default aspect ratio		Select a default aspect ratio for “Auto” in “Zoom” (P. 13) Panoramic : 16 : 9 Regular : 4 : 3 14:9 Zoom : 14 : 9			

Troubleshooting

Severe noise or snow

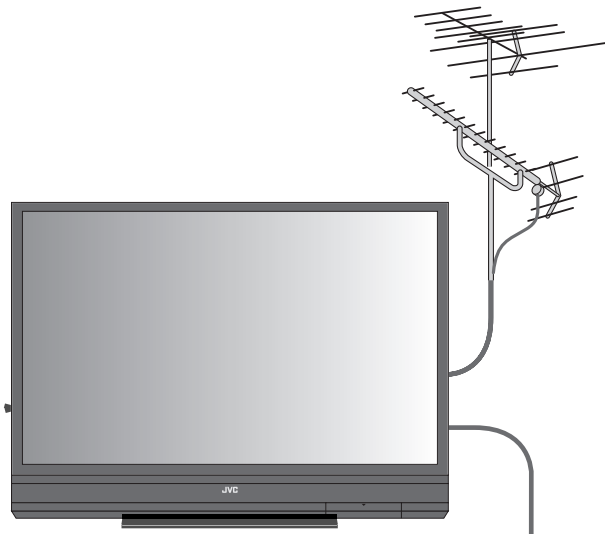
- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
  ⇨ Consult your retailer

Patterns, stripes or noise

- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  ⇨ Consult your retailer
- Are connected devices too close to the TV?
  ⇨ Insert the minimum distance between the aerial and the cause of interference until no interference

Ghosting
(Doubling of images)

- Are you receiving interference from signals reflected off mountains or buildings?
  ⇨ Adjust the direction of your aerial, or change to a good-quality directional aerial



I can't turn it on!

- Is the power cord connected to the AC outlet correctly?

The remote control doesn't work!

- Are the batteries flat?
- Are you more than 7 meters away from the TV?
- Is the "MODE (TV, VCR/DVR, DVD, HC)" set to "TV"?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

	Problem	Actions	page
Basics	Remote control stops working	● Unplug the TV, and wait about 1 hour until the lamp completely cooled. Then plug the TV in again. (Turning on the TV soon may shorten the lamp life.)	–
Basics	Front control buttons do not work	● Switch "Child Lock" to "Off."	18
Screen	Aspect ratio changes unintentionally	● Press "ZOOM" to return to your settings.	13
Screen	PC screen alignment is off	● Adjust the "PC Position".	15
Screen	The screen is dim	● Adjust the "Iris" brighter.	18
Screen	Black or white dots appear on the screen	● Although the HD-ILA element is manufactured with high-precision technology, understand that some pixels may be lost or permanently displayed.	–
Picture	Poor picture quality	● Unnatural colour >>> Adjust "Colour" and "Bright". Check your "Colour System". ● Noise >>> Set to the following functions. Picture Mode : Standard Super DigiPure : Max ● Dull picture >>> Set to the following functions. Picture Mode : Bright Super DigiPure : Min	18 19 18 19 18 19
Picture	Strange picture when using an external device	● If you connected S-Video output device, check the "S-IN" setting. ● If the top of the image is distorted, check the video signal quality itself. ● If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive scanning), change the output setting of the external device to 625i (interlaced scanning).	15 – –
Picture	Blue screen appears on the screen	● Switch "Blue Back" to "Off.".	18

Troubleshooting (continued)

	Problem	Actions	page
Sound	Poor sound	● Adjust the “Bass” and “Treble”. ● If receiving a poor signal in “Stereo / I·II”, switch to “Mono”. ● Adjust the channel reception using “Manual”.	18 18 10
	No sound from the audio component	● Audio signals received from EXT-5 and EXT-6 cannot be sent to the “AUDIO OUT” terminal.	–
HDMI	Wrong screen size	● Switch “Size” in “HDMI Setting” to “1” or “2”.	18
	No picture, no sound	● Use the cable marked with HDMI logo. HDMI	–
	No sound	● Check if the device is compliant with HDMI. ● Switch “Audio” in “HDMI Setting” to “Digital” or “Auto” for HDMI devices, or “Analogue” or “Auto” for DVI devices. (Not available for “EXT-6”.)	– 18
	Green and distorted screen	● Wait a little for the signal to stabilize when switching the signal format for an “HDMI” device.	–
Functions	Some functions do not work	● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.	–
	Some inputs cannot be selected in the sub-picture	● “EXT-3”, “EXT-5”, “EXT-6” inputs and PC mode cannot be selected in the sub-picture. ● RGB input signal of “EXT-1” and “EXT-2” are not available in dual-picture mode.	–

	Problem	Actions	page
Display	“Feature Not Available” appears	● Is the “T-V LINK” compatible device connected to “EXT-2”? ● Is the SCART cable “Fully Wired”? ● Is the “T-V LINK” compatible device turned on? After confirming all the conditions above, press “OK” button again.	22 – –
	“ACI Error” appears	● Press ◄ to start “ACI” again. If you still receive the “ACI Error” after numerous tries, press ► to cancel “ACI”.	–
Lamp	The LAMP indicator blinks rapidly	● Keep the TV off for a while and then turn the power on again. If the TV goes into warning mode, unplug the TV after the cooling has completed and consult your retailer. (It may be a malfunction of the internal electrical circuits.)	–
	The power lamp and LAMP indicator blink alternately	● Keep the TV off for a while and then turn the power on again. If the TV goes into warning mode, unplug the TV after the cooling has completed and consult your retailer. (The inside temperature rises abnormally or the fan may be blocked.)	–
	The power lamp and LAMP indicator blink rapidly simultaneously	● If this condition occurs soon after replacing the lamp, reinstall the new lamp unit. (The lamp unit may not be inserted into the lamp housing correctly.) Repeat the lamp installation steps, taking care to observe all warnings. - Make sure the lamp sits flat inside the housing area. - Make sure the lamp cover is reinstalled. ● If this condition occurs except for replacing the lamp, keep the TV off for a while and then turn the power on again. If the TV goes into warning mode, unplug the TV after the cooling has completed and consult your retailer. (It may be a lamp malfunction.)	4 –

Technical information

What is “T-V LINK”?

“T-V LINK” allows the TV to share information easily with a connected “T-V LINK” compatible device.
By using T-V LINK :

- You can send the channel information programmed on the TV to the “T-V LINK” compatible device, so that both the TV and the external device have the same channel settings. When connecting a new external device, channel information is loaded into it, allowing channel setup to be completed very quickly. For more details, refer to the external device’s manual.
- You can easily record the TV programme you are viewing on a “T-V LINK” compatible device by using the “DIRECT REC” feature. For more details, refer to the external device’s manual.

What is “ACI” (Automatic Channel Installation)?

Some cable companies transmit a signal called “ACI” which contains information that allows TV channels to be registered automatically on your TV.
When an ACI signal is received, “ACI Start / ACI Skip” appears in the “Auto Program” screen.

Receivable broadcast systems

Depending on the country selected during “Auto Program”, the receivable broadcast system differs.

- UNITED KINGDOM: Receive only PAL-I.
- FRANCE: Can receive SECAM-L.

To receive SECAM-L in countries other than France:
1) Change the “Country” to “France” in “Auto Program”.
2) Press the “BACK” button to return to the menu and enter the channel using “Insert” or “Manual”.

PC Signals that can be displayed

- If the signal doesn’t appear, check that the vertical frequency on the PC is set to “60Hz”.

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0

Connect “DVI” devices

Connect a “DVI“ device to “EXT-5 (HDMI)” using “DVI-HDMI” conversion cable. Connect analogue sound output of the DVI device to L and R terminals in AUDIO (ANALOGUE).

- Set “Audio” in “HDMI Setting” to “Analogue” or “Auto” ⇨ (P. 18)
- EXT-6 input does not support analogue sound.

Auto in “Zoom”

When “Auto” is selected in Zoom, the aspect ratio will turn to the ratio obtained from the information the TV received.

- The aspect ratio will turn to the ratio obtained from WSS (Wide Screen Identification Signal), video signal, or control signal of the external devices. Without receiving the aspect information, it will be the setting in “4:3 Auto Aspect” (P. 19)
- Not available in PC mode.

What is “HDMI CEC”?

HDMI CEC (Consumer Electronics Control) allows the TV to connect and control multiple HDMI CEC enabled devices with a single remote. CEC (Consumer Electronics Control) is an optional protocol used in HDMI.

- HDMI CEC on this TV is compliant with “High-Definition Multimedia Interface Specification Version 1.2a”.
- The TV does not support HDMI CEC functions that are not listed below.
- The TV does not guarantee to support use of all HDMI CEC enabled devices.
- Devices that are not enabled to HDMI CEC cannot be controlled with this TV.

■Control the TV using the HDMI CEC enabled device

- Turn the TV on and switch to the video source of the operating device.
- Switch to the video source of the operating device.
- Turn the TV off with the HDMI CEC enabled device you are viewing.

* For operating instructions of the device, refer to the device’s manual.

■Control the HDMI CEC enabled device using the TV

- Turn off the operating device by turning off the TV.

* Some device may not support this function. For more details refer to the device’s manual.

■Send status of the TV to the HDMI CEC enabled device

- When switching the TV’s external input or channel.
- When switching the TV’s menu language.

* Information regarding behaviour of the device when status is received, refer to the external device’s manual.

Turning On / Off HDMI CEC:

- Set HDMI CEC ⇨ “HDMI Setting” (P. 18)

* Factory default setting is “On”.

If “HDMI CEC” does not work correctly:

- When HDMI CEC enabled device is connected to EXT-1 or EXT-2 with SCART cable and EXT-5 or EXT-6 with HDMI cable, you may not be able to control TV’s external input. To solve the problem set “HDMI CEC” to “Off”. ⇨ “HDMI Setting” (P. 18)

“CH/CC” List

To use the INSERT function (P. 10), find the “CH/CC” number corresponding to the TV’s Channel number from this table.

● When the Country setting is “France”, select a three-digit CH/CC number.

CH	Channel
CH 02/CH 202	E2, R1
CH 03/CH 203	E3, ITALY A
CH 04/CH 204	E4, ITALY B, R2
CH 05/CH 205	E5, ITALY D, R6
CH 06/CH 206	E6, ITALY E, R7
CH 07/CH 207	E7, ITALY F, R8
CH 08/CH 208	E8, R9
CH 09/CH 209	E9, ITALY G
CH 10/CH 210	E10, ITALY H, R10
CH 11/CH 211	E11, ITALY H+1, R11
CH 12/CH 212	E12, ITALY H+2, R12
CH 21/CH 221	E21, R21
CH 22/CH 222	E22, R22
CH 23/CH 223	E23, R23
CH 24/CH 224	E24, R24
CH 25/CH 225	E25, R25
CH 26/CH 226	E26, R26
CH 27/CH 227	E27, R27
CH 28/CH 228	E28, R28
CH 29/CH 229	E29, R29
CH 30/CH 230	E30, R30
CH 31/CH 231	E31, R31
CH 32/CH 232	E32, R32
CH 33/CH 233	E33, R33
CH 34/CH 234	E34, R34
CH 35/CH 235	E35, R35
CH 36/CH 236	E36, R36
CH 37/CH 237	E37, R37
CH 38/CH 238	E38, R38
CH 39/CH 239	E39, R39

CH	Channel
CH 40/CH 240	E40, R40
CH 41/CH 241	E41, R41
CH 42/CH 242	E42, R42
CH 43/CH 243	E43, R43
CH 44/CH 244	E44, R44
CH 45/CH 245	E45, R45
CH 46/CH 246	E46, R46
CH 47/CH 247	E47, R47
CH 48/CH 248	E48, R48
CH 49/CH 249	E49, R49
CH 50/CH 250	E50, R50
CH 51/CH 251	E51, R51
CH 52/CH 252	E52, R52
CH 53/CH 253	E53, R53
CH 54/CH 254	E54, R54
CH 55/CH 255	E55, R55
CH 56/CH 256	E56, R56
CH 57/CH 257	E57, R57
CH 58/CH 258	E58, R58
CH 59/CH 259	E59, R59
CH 60/CH 260	E60, R60
CH 61/CH 261	E61, R61
CH 62/CH 262	E62, R62
CH 63/CH 263	E63, R63
CH 64/CH 264	E64, R64
CH 65/CH 265	E65, R65
CH 66/CH 266	E66, R66
CH 67/CH 267	E67, R67
CH 68/CH 268	E68, R68
CH 69/CH 269	E69, R69

CC	Channel
CC 01/CC 201	S1
CC 02/CC 202	S2
CC 03/CC 203	S3
CC 04/CC 204	S4
CC 05/CC 205	S5
CC 06/CC 206	S6
CC 07/CC 207	S7
CC 08/CC 208	S8
CC 09/CC 209	S9
CC 10/CC 210	S10
CC 11/CC 211	S11
CC 12/CC 212	S12
CC 13/CC 213	S13
CC 14/CC 214	S14
CC 15/CC 215	S15
CC 16/CC 216	S16
CC 17/CC 217	S17
CC 18/CC 218	S18
CC 19/CC 219	S19
CC 20/CC 220	S20
CC 21/CC 221	S21
CC 22/CC 222	S22
CC 23/CC 223	S23
CC 24/CC 224	S24
CC 25/CC 225	S25
CC 26/CC 226	S26
CC 27/CC 227	S27
CC 28/CC 228	S28
CC 29/CC 229	S29
CC 30/CC 230	S30

CC	Channel
CC 31/CC 231	S31
CC 32/CC 232	S32
CC 33/CC 233	S33
CC 34/CC 234	S34
CC 35/CC 235	S35
CC 36/CC 236	S36
CC 37/CC 237	S37
CC 38/CC 238	S38
CC 39/CC 239	S39
CC 40/CC 240	S40
CC 41/CC 241	S41
CC 75/CC 275	X
CC 76/CC 276	Y, R3
CC 77/CC 277	Z, ITALY C, R4
CC 78/CC 278	Z+1, R5
CC 79/CC 279	Z+2

CH	Channel
CH 102	F2
CH 103	F3
CH 104	F4
CH 105	F5
CH 106	F6
CH 107	F7
CH 108	F8
CH 109	F9
CH 110	F10
CH 121	F21
CH 122	F22
CH 123	F23
CH 124	F24
CH 125	F25
CH 126	F26
CH 127	F27
CH 128	F28
CH 129	F29
CH 130	F30
CH 131	F31
CH 132	F32
CH 133	F33
CH 134	F34
CH 135	F35
CH 136	F36
CH 137	F37
CH 138	F38
CH 139	F39
CH 140	F40

CH	Channel
CH 141	F41
CH 142	F42
CH 143	F43
CH 144	F44
CH 145	F45
CH 146	F46
CH 147	F47
CH 148	F48
CH 149	F49
CH 150	F50
CH 151	F51
CH 152	F52
CH 153	F53
CH 154	F54
CH 155	F55
CH 156	F56
CH 157	F57
CH 158	F58
CH 159	F59
CH 160	F60
CH 161	F61
CH 162	F62
CH 163	F63
CH 164	F64
CH 165	F65
CH 166	F66
CH 167	F67
CH 168	F68
CH 169	F69

CC	Frequency (MHz)
CC 110	116-124
CC 111	124-132
CC 112	132-140
CC 113	140-148
CC 114	148-156
CC 115	156-164
CC 116	164-172
CC 123	220-228
CC 124	228-236
CC 125	236-244
CC 126	244-252
CC 127	252-260
CC 128	260-268
CC 129	268-276
CC 130	276-284
CC 131	284-292
CC 132	292-300
CC 133	300-306
CC 141	306-311
CC 142	311-319
CC 143	319-327
CC 144	327-335
CC 145	335-343
CC 146	343-351
CC 147	351-359
CC 148	359-367
CC 149	367-375
CC 150	375-383
CC 151	383-391

CC	Frequency (MHz)
CC 152	391-399
CC 153	399-407
CC 154	407-415
CC 155	415-423
CC 156	423-431
CC 157	431-439
CC 158	439-447
CC 159	447-455
CC 160	455-463
CC 161	463-469

Specifications

Main unit

Model	HD-65S80DDU	HD-58S80DDU
Broadcasting systems	CCIR, B / G, D / K, I/ L (See “Technical information”, P. 22)	
Colour systems	TV broadcast : PAL, SECAM External input : PAL, SECAM, NTSC 3.58/4.43 MHz	
Channels and frequencies	E2-E12 / E21-E69, F2-F10 / F21-F69, IR A-IR J, ITALY A-H / H+1 / H+2, R1-R12 / R21-R69, S1-S41, X / Y / Z / Z+1 / Z+2, French cable channels (Frequency : 116-172 MHz / 220-469 MHz)	
Sound-multiplex systems	NICAM (I / B / G / D / K / L), A2 (B / G / D / K)	
Teletext systems	FLOF (Fastext), TOP, WST (standard system)	
Power requirements	AC 220 V - 240 V, 50 Hz	
Audio output (Rated power output)	10 W + 10 W + 10 W	
Speakers	(1 cm x 9.5 cm) x 2, 2 cm round x 2, 10 cm round x 1	
Power consumption [standby]	196 W [0.68 W]	
Screen size (visible area size measured diagonally)	165 cm	147 cm
Dimensions (W x H x D: mm) [without pedestals]	1459 mm x 1055 mm x 369 mm [1459 mm x 1055 mm x 295 mm]	1305 mm x 961 mm x 346 mm [1305 mm x 961 mm x 272 mm]
Weights	66 kg	54 kg
Accessories	(See “Check accessories”, P. 6)	

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input / Output terminals	EXT-1	Euroconnector x 1 (SCART connector)	Composite video, S-video, Analogue RGB AUDIO L / R	TV out	
	EXT-2	Euroconnector x 1 (SCART connector)	Composite video, S-video, Analogue RGB AUDIO L / R	Dubbing out	“T-V LINK” compatible
Input terminals	EXT-3	RCA connectors x 5	Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R		
	EXT-4	RCA connectors x 3, S-VIDEO connector x 1	Composite video, S-video AUDIO L / R		
	EXT-5 (HDMI-1)	HDMI connector x 1 RCA connectors x 2	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p), 1080p (1125p)) AUDIO L / R (EXT-5 only)		“HDMI CEC” compatible (P. 22)
	EXT-6 (HDMI-2)	HDMI connector x 1			
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal (P. 22)		
Output terminals	AUDIO OUT	RCA connectors x 2		Audio L / R	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output	

● We may change the design and specifications without notice.

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